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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**SELECTED HF COMMUNICATIONS FACILITIES
SHANGHAI AREA, CHINA**



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SELECTED HF COMMUNICATIONS FACILITIES
SHANGHAI AREA, CHINA

1. This report is one in a series on antennas at selected high-frequency (HF) communications (suspect SIGINT-related) facilities in China.

2. The 12 facilities listed below were searched for antennas and significant antenna characteristics in the Shanghai area of China (Figure 1). Three of the facilities contained identifiable antennas; the remaining nine facilities were not covered on photography of suitable interpretability to determine antenna types.

Shanghai Radio Communications Transmitter/Receiver No 2

31-23-20N 121-30-20E, [REDACTED]

Antennas: 6 horizontal dipole

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Shanghai Radio Communications/Radio Relay Terminal No 15

31-17-20N 121-20-13E, [REDACTED]

Antennas: 4 full-wave horizontal dipole, 12 half-wave horizontal dipole, 1 Vee, 2 prob vertical radiator

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Shanghai Radio Communications Transmitter No 24

31-17-20N 121-29-05E, [REDACTED]

Antennas: 1 single rhombic, 16 horizontal dipole, 2 Vee

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Shanghai Radio Communications Transmitter No 12 Ta-chang

31-23-15N 121-22-10E, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai Radio Communications/AM Transmitter No 11

31-21-40N 121-23-00E, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai Radio Communications Receiver No 13 Ta-chang

31-22-15N 121-21-10E, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai Radio Communications/AM Transmitter No 19

31-12-11N 121-23-21E, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai Radio Communications/AM Transmitter No 25 Nan-hsiang

31-17-35N 121-18-00E, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai HF Communications Facility

31-11-35N 121-22-05E, BE None, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai Radio Communications Transmitter/Receiver No 18

31-09-05N 121-22-05E, [REDACTED]

Antennas: could not be determined from available photography

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Shanghai DF Facility (SIGINT)

31-12-15N 121-21-00E, [REDACTED]

Antennas: could not be determined from available photography

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Chou-pu Radio Communications Transmitter

31-06-50N 121-32-45E, [REDACTED]

Antennas: could not be determined from available photography

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3. The type, number, orientation, and mensural details of antennas identified at the three facilities are included in Tables 1-3.

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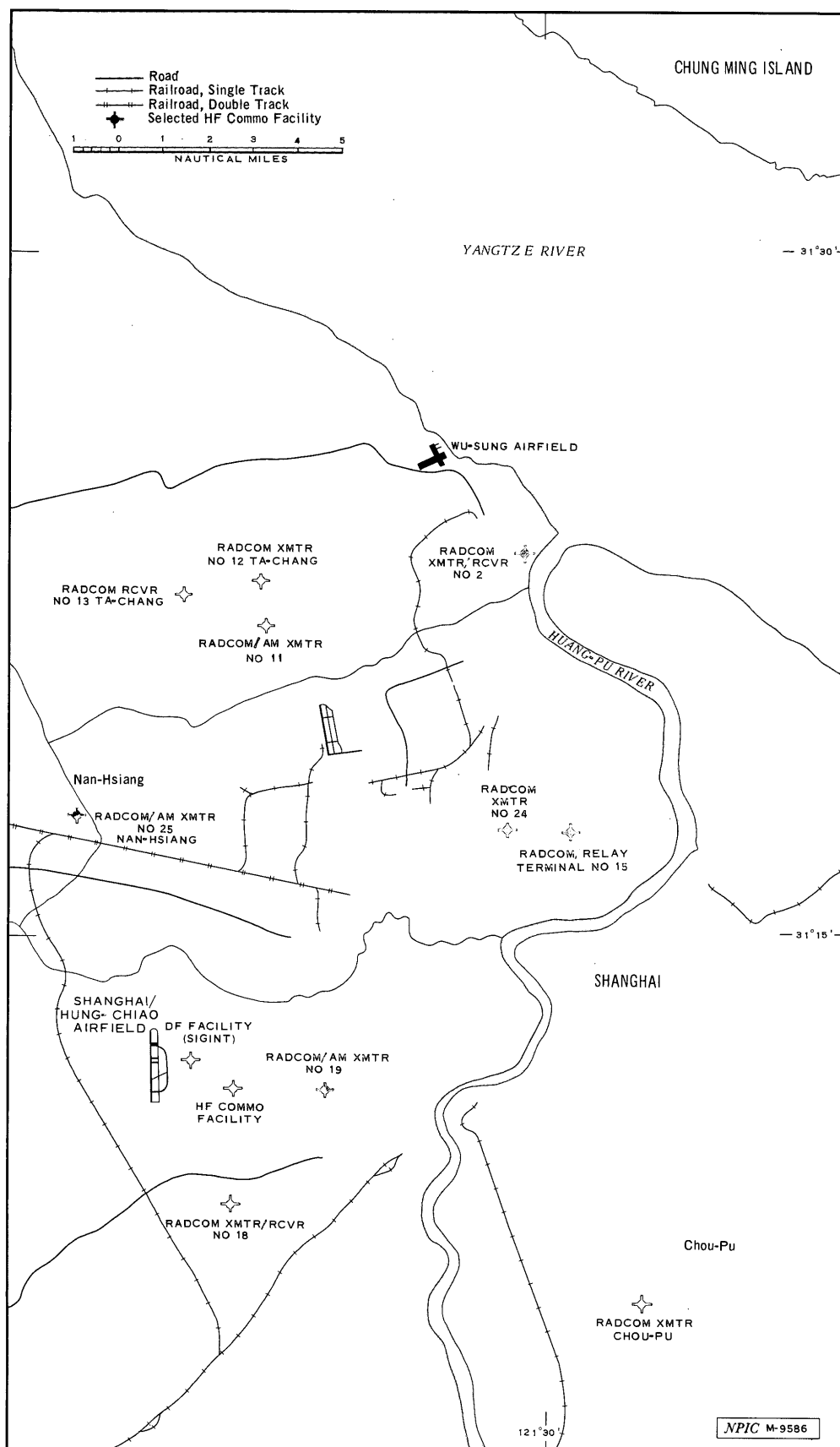


FIGURE 1. LOCATION MAP

- 2 -

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REFERENCES

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MAPS AND CHARTS

USAF. USATC Series 200, Sheets 0492-2, 0492-7, scale 1:200,000

RELATED DOCUMENT

NPIC. Shanghai HF Communications Facility Nan-Hsiang, Aug 69
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REQUIREMENT

NPIC Project 250661AD

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